

## **BIOLOGICAL GROWTH PLATE SCANNER WITH AUTOMATED INTAKE**

### **ABSTRACT**

5       The invention is directed to a biological scanner for scanning biological growth  
plates. The biological growth plate is loaded into the biological scanner via motorized  
rollers, and an actuator presses the growth plate against a platen once the growth plate  
is drawn to a scanning position within the scanner. The biological scanner then  
generates one or more images of the growth plate. Moreover, sensors can be arranged  
to facilitate sensing and positioning of the growth plate in a plurality of locations for  
10       imaging different parts of the plate. Additional embodiments are directed to features  
such as a hinged door that facilitates access to the scanner, and footings disposed on  
various sides of the scanner to facilitate flip-over of the scanner for simplified use by  
right-handed or left-handed users.